Page 16, please amend the equation at line 10 as follows:

A2

$$L_{\beta}(dB) = \begin{cases} Pn & dPs < 0 \\ Pn - dP & dPs > 0 \quad and \quad Pn - dPs > 0 \\ 0 & Pn - dPs < 0 \end{cases} \quad \cdots (7)$$

Page 16, paragraph at lines 11 to 20, please amend as follows:

A3

The correction gain calculation unit 6 calculates the noise amplitude spectrum correction gain α [f] and the noise removal spectrum correction gain β [f], on the basis of the input amplitude spectrum S [f] , noise amplitude spectrum N [f] , noise amplitude spectrum correction gain limiting value L_{α}, and the noise removal spectrum correction gain limiting value L_{β}. Using α [f], the noise amplitude spectrum N [f] can be corrected for each frequency component. And using the noise removal spectrum correction gain β [f] , the after-mentioned first noise removal spectrum S_S [t] is corrected for each frequency component.

Page 18, paragraph at lines 2 to 9, please amend as follows:

The value of the phone reception weighting value W_{α} [f] is predetermined according to its parameter, frequency f. And the value of W_{α} [f] decreases as the frequency increases. As a result of this weighting, the value of α [f] decreases in the high frequency region. Consequently an excessive suppression in the high frequency region can be avoided so that a generation of a strange sound in the frequency region can be avoided. Fig. 11 shows a profile of the W_{α} [f].

Page 18, paragraph beginning at line 18, to page 19, line 6, please amend as follows:

A4

According to equation (10), when the value snr_{sp} [f] increases, namely when the SNR increases, the value of $gain_{\beta}$ increases, therefore , the noise removal spectrum correction gain